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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/035,557	11/07/2001	Marcus Davidsson	042933/319585	3599
826 7590 07/09/2010 ALSTON & BIRD LLP BANK OF AMERICA PLAZA 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000			EXAMINER HUYNH, SON P	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/035,557

Applicant(s)

DAVIDSSON, MARCUS

Examiner

SON P. HUYNH

Art Unit

2424

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 April 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-33, 36, 37 and 41-43 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-33, 36-37, 41-43 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB-08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/27/2010 has been entered.

Response to Arguments

2. Applicant's arguments with respect to claims 1-33, 36-37, 41-43 have been considered but are moot in view of the new ground(s) of rejection.

Claims 34-35, 38-40 have been canceled.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 2, 4-5, 9, 10-14, 19-20, 23-24, 26, 41-43 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 2, line 4, recites the limitation "the at least one of the plurality of broadcast programs". There is insufficient antecedent basis for this limitation in the claim.

Claims 4-5 recites the limitation "the information transferred..." in lines 2-3 or lines 1-2 respectively. There are insufficient antecedent basis for these limitations in the claims.

Claim 5 recites the limitation "the at least one selected broadcast program" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Claim 9 recites the limitation "the at least one selected program" in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim 10: line 13, recites the limitation "the program"

line 15, recites "the selected broadcast program".

There are insufficient antecedent basis for these limitations in the claim.

Claim 19 recites the limitation "the selected television program" in lines 4-5. There is insufficient antecedent basis for this limitation in the claim.

Claim 20 recites the limitation "the at least one selected broadcast program" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Claim 26 recites the limitation "the selected broadcast program" in lines 1-2. There is insufficient antecedent basis for this limitation in the claim.

Claims 41-43, each recites the limitation "the at least one selected broadcast program". There are insufficient antecedent basis for these limitations in the claims.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-7, 9, 15-22, 24-33, 36-37, 41-43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Uchida et al. (US 2002/0049620) in view of Adler (US 6,249,765) and Ellis (2005/0028208 –referred to as E208).

It is noted that US 20030149988 (referred to as E988), 7,185,355 (referred to as E355) and all documents incorporated by reference in E208 in their entirety (see include, but not limited to, E208: paragraphs 0123, 0101, 0017) are treated as part of the specification of E208.

Regarding claim 1, Uchida discloses a method comprising:

accessing the electronic calendar configured to store a plurality of event entries at a respective plurality of times with the event entries including a specific occurrence of a scheduled broadcast program (e.g., start time, title, etc. of viewing and/or recording reservation information – figure 5) as well at least one user-generated event entry

relating to a scheduled non-broadcast related event (events such as to have meal, go to a concert, etc. - figure 2, 5, paragraph 0074), the electronic calendar listing events in relation to times and dates (see include, but not limited to, figures 2, 5, paragraphs 0074, 0090-0096);

adding a user-generated event entry relating to a scheduled non-broadcast-related event to the electronic calendar and directing visual association in the electronic calendar of text information, pictograph, etc. with the non-broadcast-related event added to the electronic calendar, wherein adding the user-generated event entry and directing visual association of the text information, pictograph, etc. are performed by a processor (see include, but not limited to, figures 1-3, paragraphs 0015-0017, 0040, 0042, 0074, 0077-0079);

accessing an electronic programming guide, the electronic programming guide listing a plurality of specific occurrences of scheduled broadcast programs in relation to respective unique scheduled times and channels and comprising information associated with each of the plurality of scheduled broadcast programs (e.g., accessing EPG by select "EPG" icon, the EPG displays information such as program name, channel, time, etc. in association with each of plurality of scheduled broadcast programs- see include, but are not limited to, paragraphs 0026, 0044, 0058, 0083, figures 2- 4);

directing display of the accessed electronic programming guide on the electronic display (e.g., directing display of accessed EPG on electronic display when EPG icon is selected -see include, but not limited to, figures 3-4, paragraph 0083);

receiving a user selection of at least one specific occurrence of a broadcast program of the plurality of specific occurrences of scheduled broadcast programs in the accessed electronic programming guide (e.g., receiving user selection of program of recording reservation, viewing reservation, etc.— see include, but not limited to, paragraphs 0083-0090, figures 4-7);

Uchida further discloses in response to receiving user selection, directing visual association in the electronic calendar of information such as time, highlighted, pictograph, or text information, etc. with the at least one specific occurrence of a broadcast program of the plurality of specific occurrences of scheduled broadcast programs selected in the accessed electronic programming guide (see include, but are not limited to, figure 2, 5-7, paragraphs 0090-0095, 0109-0110).

Uchida discloses does not explicitly disclose directing visual association (e.g., text information, pictograph, etc.) in the electronic calendar of a user identifier with each event in the electronic calendar; wherein the electronic programming guide is accessed in response to receive a message including a reference to a recommended broadcast program, and wherein at least one specific occurrence of a broadcast program is the recommended broadcast program.

Adler discloses directing visual association in the electronic calendar of a user identifier with events in an electronic calendar (see include, but not limited to, figure 12, col. 8, lines 30-60, col. 14, line 52-col. 15, line 12). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida with the teaching of visually associating user identifier with events in electronic

calendar in order to yield predictable results such as to create a useful calendar in home and office environments, or allowing users to share calendar and following events set on calendar easily.

E208 discloses wherein the electronic programming guide is accessed in response to receive a message including a reference to a recommended broadcast program, and wherein at least one specific occurrence of a broadcast program is the recommended broadcast program (e.g., the message to access the in response to a message such as email, message, command, etc. received from the remote access device and the message and/or command including reference to the recommended broadcast program to be recorded, to be tuned, etc. - see include, but not limited to, paragraphs 0103-0108, 0110, 0115, 0119, 0123, 0125-0127).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida with the teaching as taught by E208 in order to yield predictable results such as to allow user to access program guide easily.

Regarding claim 41, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Adler and E208 further discloses the selecting at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs in the accessed electronic programming guide includes selecting at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs in the accessed electronic programming guide, and thereby transferring information, associated with the at least one selected broadcast

program, to an electronic calendar as at least one new broadcast event entry, each new broadcast event entry containing the information for a corresponding selected specific occurrence of a broadcast program and being stored in the electronic calendar at a time corresponding to a broadcast time of the respective at least one selected broadcast program (see include, but are not limited to, Uchida: figures 4-7, paragraphs 0086-0095).

Regarding claim 2, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Adler and E208 further discloses at least a portion of the displayed electronic calendar is replaced on the display by the electronic programming guide when the electronic programming guide is accessed, and the electronic programming guide is removed from the display upon selection of the at least one of the plurality of broadcast programs (e.g., selecting EPG icon on the calendar and at least portion of calendar is replaced by EPG information when the EPG is accessed, and the EPG is removed or hidden when calendar is accessed - see include, but are not limited to, Uchida: figures 2-7, paragraphs 0090-0095, 0082).

Regarding claim 3, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Adler and E208 further discloses the scheduled broadcast programs listed in the electronic programming guide are television programs (see include, but are not limited to, Uchida: figure 4).

Regarding claim 4, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Adler and E208 further discloses the scheduled broadcast programs listed in the electronic programming guide are television programs, and wherein the information transferred from the electronic programming guide to the electronic calendar comprises at least one of a name, start time, duration, and channel number of the corresponding at least one selected television program (see include, but not limited to, Uchida: figures 4-7, paragraphs 0090-0095).

Regarding claim 5, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Adler and E208 further discloses the information transferred comprises an identification of the at least one selected broadcast program (see include, but not limited to, Uchida: figure 5, paragraphs 0090-0095).

Regarding claim 6, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Adler and E208 further discloses comprising displaying one of a reminder and recording icon in the electronic calendar when a broadcast program for which a broadcast event entry has been stored in the electronic calendar is tagged for one of a reminder and a recording function, respectively (see include, but not limited to, Uchida: figures 2, 5, paragraphs 0091-0094, 0121, 0126, displaying recording icon, highlight, or recording reservation

information, etc. to clearly notify the kind of reservation made, when a broadcast program for which a broadcast event entry has been stored in the electronic calendar is tagged for recording function or E988: figures 11a-11c, par. 0126).

Regarding claim 7, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 6. Uchida in view of Adler and E208 further discloses the broadcast program for which a broadcast event entry has been stored in the electronic calendar is tagged in the electronic programming guide for one of a reminder and a recording function, respectively (see discussion in the rejection of claim 6).

Regarding claim 9, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Adler and E208 further discloses of selecting at least one of the plurality of specific occurrences of scheduled broadcast programs in the accessed electronic programming guide comprises highlighting a listing in the accessed electronic programming guide corresponding to the at least one selected program (see include, but not limited to. Uchida: paragraphs 0083-0090, figure 4).

Regarding claim 30, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 41. Uchida in view of Adler further discloses wherein accessing the electronic programming guide comprises accessing the electronic programming guide from the electronic calendar by selecting an icon associated with

the displayed electronic calendar (see include, but not limited to, Uchida: figures 2, 3, 5, paragraphs 0082-0083).

Regarding claim 36, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida further discloses directing visual association in the electronic calendar text information, icon, etc. with the at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs selected in the accessed electronic programming guide includes automatically directing visual association in the electronic calendar textual information, pictograph, etc. with at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs selected in the accessed electronic program guide (see discussion in the rejection of claim 1, and paragraphs 0091-0094, 0096, 0126, 0109-0110, 0121). Uchida does not explicitly disclose the text information, icon, pictograph, etc. visually associated with selected events in the electronic calendar comprises user identifier. Adler disclose visually associating in the electronic calendar user identifier with event and automatically visually associating in the electronic calendar a user identifier with event on electronic calendar (see discussion in the rejection of claim 1, and col. 9, lines 25-62, col. 14, line 50-col. 15, line 10). Therefore, it would have been obvious to one of ordinary skill in the art to modify Uchida with the teaching of visually associating a user identifier with an event on electronic calendar for the benefit as discussed in the rejection of claim 1.

Regarding claim 37, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 41. Uchida in view of Adler and E208 further discloses, wherein selecting at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs in the accessed electronic programming guide, and thereby transferring information to an electronic calendar as at least one new broadcast event entry includes selecting at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs in the accessed electronic programming guide, and thereby transferring information as at least one new broadcast event entry to an electronic calendar that is integrated with the electronic programming guide (see include, but are not limited to, Uchida, figures 4-5, paragraphs 0090-0095).

Regarding claim 15, the limitations of the apparatus that correspond to the limitations of the method as claimed in claim 1 are analyzed as discussed with respect to the rejection of claim 1, wherein "processor" is read on the CPU and other component in television receiver for retrieving, processing the electronic program guide and displaying the electronic program guide on the display device, a control signal is read on signal received in response to user selections (see include, but not limited to, figures 1-15). Uchida in view of Adler further discloses memory for storing programs executed by processor/CPU to perform functions (see include, but not limited to, Uchida: paragraphs 0042-0043). It would have been obvious to one of ordinary skill in the art to incorporate

computer program codes in memory in order for the functions to be performed automatically by the processor.

Regarding claims 18 and 24, the additional limitations of the apparatus as claimed correspond to the additional limitations of the method as claimed in claims 3 and 9 and are analyzed as discussed with respect to the rejection of claims 3 and 9.

Regarding claim 42, the limitations that correspond to the limitations of claim 41 are analyzed as discussed with respect to the rejection of claim 41; wherein the storage device is interpreted as storage such as ROM, RAM, EEPROM, or other memory for storing electronic calendar – see include, but are not limited to, Uchida: figures 1-7).

Regarding claims 31, 19-22, the additional limitations that correspond to the additional limitations of 30, 4-7 are analyzed as discussed with respect to the rejections of claims 30, 4-7.

Regarding claim 32, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida further discloses the electronic calendar is configured to store event entries for a user, wherein the selecting at least one specific occurrence of a broadcast program of the plurality of specific occurrences of scheduled broadcast programs in the accessed electronic programming guide includes selecting a plurality of specific occurrences of scheduled broadcast programs respectively

associated with user (see include, but are not limited to, Uchida: figures 2, 5), and wherein the directing visual association (e.g., textual information, pictograph, etc.) in the electronic calendar with the at least one specific occurrence of the plurality of scheduled broadcast programs selected in the accessed electronic programming guide includes directing visual association in the electronic calendar (pictograph, text information, icon, etc.) with corresponding ones of the plurality of specific occurrences of scheduled broadcast programs (see discussion in the rejection of claim 1 and figures 1-6, paragraph 0090-0094, 0121, 0126). Adler discloses storing event entries for a plurality of users and visually associating a user identifier in the electronic calendar with corresponding ones of the plurality events in the electronic calendar (see discussion in the rejection of claim 1, and figure 12). However, Uchida in view of Adler does not explicitly disclose plurality of specific occurrences of scheduled program respectively associated with a plurality of users.

E208 further discloses select a plurality of specific occurrences of scheduled broadcast programs respectively associated with a plurality of users (see include, but are not limited to, E355: figure 24). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida in view of Adler with the teaching of visually associating a user identifier in the electronic program guide as further taught by E208 in order to yield predictable results such as allowing user to select desired programs easily.

Regarding claim 33, Uchida in view of Adler and E208 discloses the apparatus as discussed in the rejection of claim 15. Uchida in view of Adler further discloses the processor is configured to select a plurality of specific occurrences of scheduled broadcast programs and wherein the processor is further configured to visually associate in the electronic calendar respective user identifiers with corresponding one of the specific occurrences of the plurality of scheduled programs selected in the accessed electronic program guide, the respective user identifiers providing an indication of a respective one of the plurality of users with which each of the plurality of scheduled program is associated (see include, but not limited to, discussion in the rejection of claim 1, 15 and Uchida: figures 1-6, Alder: figure 12). However, Uchida in view of Adler does not explicitly disclose plurality of specific occurrences of scheduled program respectively associated with a plurality of users.

E208 further discloses select a plurality of specific occurrences of scheduled broadcast programs respectively associated with a plurality of users (see include, but are not limited to, E355: figure 24). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida in view of Adler with the teaching of visually associating a user identifier in the electronic program guide as further taught by E208 in order to yield predictable results such as allowing user to select desired programs easily.

Regarding claim 16, Uchida in view of Adler and E208 discloses the apparatus as discussed in the rejection of claim 42. Uchida in view of Adler and E208 further

discloses an output component configured to generate a video output signal capable of driving a monitor, the video output signal being capable of displaying on the monitor the electronic calendar and the electronic programming guide (see include, but are not limited to, Uchida: figures 1-5).

Regarding claim 17, Uchida in view of Adler and E208 discloses the apparatus as discussed in the rejection of claim 16. Uchida in view of Adler and E208 further discloses the video output signal is such that at least a portion of the electronic calendar when displayed is replaced by the electronic programming guide when the electronic programming guide is accessed, and the electronic programming guide when displayed is removed upon selection of a broadcast program (see figures 1-5 and discussion in the rejection of claim 2).

Regarding claims 25-26, the limitations as claimed correspond to the limitations of claims 15, 18, and are analyzed as discussed with respect to the rejection of claims 15, 18.

Regarding claims 43, 27-29, the limitations that correspond to the limitations of claims 42, 19, 21-22 are analyzed as discussed in the rejection of claims 42, 19, 21-22.

7. Claims 8, 23, 10-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Uchida in view of Adler and E208 as applied to claim 1 or 15 above, and further in view of Yuen et al. (6,430,359).

Regarding claim 8, Uchida in view of Adler and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Alder and E208 further discloses wherein the selecting at least one of the plurality of specific occurrences of scheduled broadcast programs in the accessed electronic programming guide (see include, but are not limited to, Uchida: paragraphs 0083-0090). However, Uchida does not explicitly disclose selecting comprises entering a code for a selected program, the code uniquely identifying the selected program.

Yuen discloses selecting program in the electronic program guide comprises entering a code for a selected program, the code uniquely identifying the selected program (interpreted as select a program comprises entering compressed code or G-code, the compressed code or G-code uniquely identifying the selected program – see include, but not limited to, col. 16, lines 5-41, figure 8). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida to use the teaching as taught by Yuen in order yield predictable results such as to enter information of selected program simpler, faster and less error-prone (see col. 2, lines 24-31).

Regarding claim 23, the additional limitations correspond to the additional limitations of claim 8 and are analyzed as discussed with respect to the rejection of claim 8.

Regarding claim 10, Uchida discloses a method comprising:

- accessing an electronic calendar capable of storing a plurality of event entries at a respective plurality of times, the electronic calendar listing events in relation to times and dates (see include, but are not limited to, figures 2, 5);

- directing display of the accessed electronic calendar on an electronic display (figures 2, 5 and discussion in the rejection of claim 1);

- directing transfer of the information, associated with the at least one selected broadcast program, to an electronic calendar as at least one new broadcast entry, each new broadcast entry containing the information for a corresponding selected specific occurrence of a broadcast program and being stored in the electronic calendar at a time corresponding to a broadcast time of the respective at least one selected broadcast program (see include, but not limited to, figures 27, paragraphs 0086-0094, 0121, 0126);

for the limitations that correspond to limitations of claims 1, 8, 37. 41 are analyzed as discussed in the rejections of claims 1, 8, 37, 41.

Regarding claims 11-14, the additional limitations as claimed correspond to the additional limitations as claims in claims 3-4, 6-7, and are analyzed as discussed with respect to the rejection of claims 3-4, 6-7.

8. Claims 1-7, 9, 15-22, 24-33, 36-37, 41-43 are alternatively rejected under 35 U.S.C. 103(a) as being unpatentable over Uchida et al. (US 2002/0049620) in view of Lawande et al. (US 6,934,740) and E208.

Regarding claim 1, Uchida discloses a method comprising:

accessing the electronic calendar configured to store a plurality of event entries at a respective plurality of times with the event entries including a specific occurrence of a scheduled broadcast program (e.g., start time, title, etc. of viewing and/or recording reservation information – figure 5) as well at least one user-generated event entry relating to a scheduled non-broadcast related event (events such as to have meal, go to a concert, etc. - figure 2, 5, paragraph 0074), the electronic calendar listing events in relation to times and dates (see include, but not limited to, figures 2, 5, paragraphs 0074, 0090-0096);

adding a user-generated event entry relating to a scheduled non-broadcast-related event to the electronic calendar and directing visual association in the electronic calendar of text information, pictograph, etc. with the non-broadcast-related event added to the electronic calendar, wherein adding the user-generated event entry and directing visual association of the text information, pictograph, etc. are performed by a processor (see include, but not limited to, figures 1-3, paragraphs 0015-0017, 0040, 0042, 0074, 0077-0079);

accessing an electronic programming guide, the electronic programming guide listing a plurality of specific occurrences of scheduled broadcast programs in relation to respective unique scheduled times and channels and comprising information associated with each of the plurality of scheduled broadcast programs (e.g., accessing EPG by select "EPG" icon, the EPG displays information such as program name, channel, time, etc. in association with each of plurality of scheduled broadcast programs- see include, but are not limited to, paragraphs 0026, 0044, 0058, 0083, figures 2- 4);

directing display of the accessed electronic programming guide on the electronic display (e.g., directing display of accessed EPG on electronic display when EPG icon is selected -see include, but not limited to, figures 3-4, paragraph 0083);

receiving a user selection of at least one specific occurrence of a broadcast program of the plurality of specific occurrences of scheduled broadcast programs in the accessed electronic programming guide (e.g., receiving user selection of program of recording reservation, viewing reservation, etc.- see include, but not limited to, paragraphs 0083-0090, figures 4-7);

Uchida further discloses in response to receiving user selection, directing visual association in the electronic calendar of information such as time, highlighted, pictograph, or text information, etc. with the at least one specific occurrence of a broadcast program of the plurality of specific occurrences of scheduled broadcast programs selected in the accessed electronic programming guide (see include, but are not limited to, figure 2, 5-7, paragraphs 0090-0095, 0109-0110).

Uchida discloses does not explicitly disclose directing visual association (e.g., text information, pictograph, etc.) in the electronic calendar of a user identifier with each event in the electronic calendar; wherein the electronic programming guide is accessed in response to receive a message including a reference to a recommended broadcast program, and wherein at least one specific occurrence of a broadcast program is the recommended broadcast program.

Lawande discloses directing visual association in the electronic calendar of a user identifier with events in an electronic calendar (see include, but not limited to, figures 17-26, col. 30, lines 1-14, col. 44, lines 5-47, col. 46, line 25-col. 53, line 9). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida with the teaching of visually associating user identifier with events in electronic calendar in order to yield predictable results such as to create a useful calendar in home and office environments, or to improve efficiently uses the resources available in a client device (col. 6, lines 45-50).

E208 discloses wherein the electronic programming guide is accessed in response to receive a message including a reference to a recommended broadcast program, and wherein at least one specific occurrence of a broadcast program is the recommended broadcast program (e.g., the message to access the in response to a message such as email, message, command, etc. received from the remote access device and the message and/or command including reference to the recommended broadcast program to be recorded, to be tuned, etc. - see include, but not limited to, paragraphs 0103-0108, 0110, 0115, 0119, 0123, 0125-0127).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida with the teaching as taught by E208 in order to yield predictable results such as to allow user to access program guide easily.

Regarding claim 41, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Lawande and E208 further discloses the selecting at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs in the accessed electronic programming guide includes selecting at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs in the accessed electronic programming guide, and thereby transferring information, associated with the at least one selected broadcast program, to an electronic calendar as at least one new broadcast event entry, each new broadcast event entry containing the information for a corresponding selected specific occurrence of a broadcast program and being stored in the electronic calendar at a time corresponding to a broadcast time of the respective at least one selected broadcast program (see include, but are not limited to, Uchida: figures 4-7, paragraphs 0086-0095).

Regarding claim 2, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Lawande and E208 further discloses at least a portion of the displayed electronic calendar is replaced on the display by the electronic programming guide when the electronic programming guide is

accessed, and the electronic programming guide is removed from the display upon selection of the at least one of the plurality of broadcast programs (e.g., selecting EPG icon on the calendar and at least portion of calendar is replaced by EPG information when the EPG is accessed, and the EPG is removed or hidden when calendar is accessed - see include, but are not limited to, Uchida: figures 2-7, paragraphs 0090-0095, 0082).

Regarding claim 3, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Lawande and E208 further discloses the scheduled broadcast programs listed in the electronic programming guide are television programs (see include, but are not limited to, Uchida: figure 4).

Regarding claim 4, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Lawande and E208 further discloses the scheduled broadcast programs listed in the electronic programming guide are television programs, and wherein the information transferred from the electronic programming guide to the electronic calendar comprises at least one of a name, start time, duration, and channel number of the corresponding at least one selected television program (see include, but not limited to, Uchida: figures 4-7, paragraphs 0090-0095).

Regarding claim 5, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Lawande and E208 further discloses the information transferred comprises an identification of the at least one selected broadcast program (see include, but not limited to, Uchida: figure 5, paragraphs 0090-0095).

Regarding claim 6, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Lawande and E208 further discloses comprising displaying one of a reminder and recording icon in the electronic calendar when a broadcast program for which a broadcast event entry has been stored in the electronic calendar is tagged for one of a reminder and a recording function, respectively (see include, but not limited to, Uchida: figures 2, 5, paragraphs 0091-0094, 0121, 0126, displaying recording icon, highlight, or recording reservation information, etc. to clearly notify the kind of reservation made, when a broadcast program for which a broadcast event entry has been stored in the electronic calendar is tagged for recording function).

Regarding claim 7, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 6. Uchida in view of Lawande and E208 further discloses the broadcast program for which a broadcast event entry has been stored in the electronic calendar is tagged in the electronic programming guide for one of a reminder and a recording function, respectively (see discussion in the rejection of claim

6).

Regarding claim 9, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Lawande and E208 further discloses of selecting at least one of the plurality of specific occurrences of scheduled broadcast programs in the accessed electronic programming guide comprises highlighting a listing in the accessed electronic programming guide corresponding to the at least one selected program (see include, but not limited to. Uchida: paragraphs 0083-0090, figure 4).

Regarding claim 30, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 41. Uchida in view of Lawande and E208 further discloses wherein accessing the electronic programming guide comprises accessing the electronic programming guide from the electronic calendar by selecting an icon associated with the displayed electronic calendar (see include, but not limited to, Uchida: figures 2, 3, 5, paragraphs 0082-0083).

Regarding claim 36, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida further discloses directing visual association in the electronic calendar text information, icon, etc. with the at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs selected in the accessed electronic programming guide includes automatically

directing visual association in the electronic calendar textual information, pictograph, etc. with at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs selected in the accessed electronic program guide (see discussion in the rejection of claim 1, and paragraphs 0091-0094, 0096, 0126, 0109-0110, 0121). Uchida does not explicitly disclose the text information, icon, pictograph, etc. visually associated with selected events in the electronic calendar comprises user identifier. Lawande disclose visually associating in the electronic calendar user identifier with event and automatically visually associating in the electronic calendar a user identifier with event on electronic calendar (see discussion in the rejection of claim 1, and col. 44, line 5-col. 53, line 9, figure18-20, 26). Therefore, it would have been obvious to one of ordinary skill in the art to modify Uchida with the teaching of visually associating a user identifier with an event on electronic calendar for the benefit as discussed in the rejection of claim 1.

Regarding claim 37, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 41. Uchida in view of Lawande and E208 further discloses, wherein selecting at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs in the accessed electronic programming guide, and thereby transferring information to an electronic calendar as at least one new broadcast event entry includes selecting at least one specific occurrence of a broadcast program of the plurality of scheduled broadcast programs in the accessed electronic programming guide, and thereby transferring information as at least one new broadcast

event entry to an electronic calendar that is integrated with the electronic programming guide (see include, but are not limited to, Uchida, figures 4-5, paragraphs 0090-0095).

Regarding claim 15, the limitations of the apparatus that correspond to the limitations of the method as claimed in claim 1 are analyzed as discussed with respect to the rejection of claim 1, wherein "processor" is read on the CPU and other component in television receiver for retrieving, processing the electronic program guide and displaying the electronic program guide on the display device, a control signal is read on signal received in response to user selections (see include, but not limited to, figures 1-15). Uchida in view of Lawande further discloses memory for storing programs executed by processor/CPU to perform functions (see include, but not limited to, Uchida: paragraphs 0042-0043; Lawande: figures 10-11, 17-26). It would have been obvious to one of ordinary skill in the art to incorporate computer program codes in memory in order for the functions to be performed automatically by the processor.

Regarding claims 18 and 24, the additional limitations of the apparatus as claimed correspond to the additional limitations of the method as claimed in claims 3 and 9 and are analyzed as discussed with respect to the rejection of claims 3 and 9.

Regarding claim 42, the limitations that correspond to the limitations of claim 41 are analyzed as discussed with respect to the rejection of claim 41; wherein the storage device is interpreted as storage such as ROM, RAM, EEPROM, or other memory for

storing electronic calendar – see include, but are not limited to, Uchida: figures 1-7; Lawande: figures 10-11, 17-26).

Regarding claims 31, 19-22, the additional limitations that correspond to the additional limitations of 30, 4-7 are analyzed as discussed with respect to the rejections of claims 30, 4-7.

Regarding claim 32, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida further discloses the electronic calendar is configured to store event entries for a user, wherein the selecting at least one specific occurrence of a broadcast program of the plurality of specific occurrences of scheduled broadcast programs in the accessed electronic programming guide includes selecting a plurality of specific occurrences of scheduled broadcast programs respectively associated with user (see include, but are not limited to, Uchida: figures 2, 5), and wherein the directing visual association (e.g., textual information, pictograph, etc.) in the electronic calendar with the at least one specific occurrence of the plurality of scheduled broadcast programs selected in the accessed electronic programming guide includes directing visual association in the electronic calendar (pictograph, text information, icon, etc.) with corresponding ones of the plurality of specific occurrences of scheduled broadcast programs (see discussion in the rejection of claim 1 and figures 1-6, paragraph 0090-0094, 0121, 0126). Lawande discloses storing event entries for a plurality of users and visually associating a user identifier in the electronic calendar with

corresponding ones of the plurality events in the electronic calendar (see discussion in the rejection of claim 1, and figures 16-26). However, Uchida in view of Lawande does not explicitly disclose plurality of specific occurrences of scheduled program respectively associated with a plurality of users.

E208 further discloses select a plurality of specific occurrences of scheduled broadcast programs respectively associated with a plurality of users (see include, but are not limited to, E355: figure 24). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida in view of Lawande with the teaching of visually associating a user identifier in the electronic program guide as further taught by E208 in order to yield predictable results such as allowing user to select desired programs easily.

Regarding claim 33, Uchida in view of Lawande and E208 discloses the apparatus as discussed in the rejection of claim 15. Uchida in view of Lawande and E208 further discloses the processor is configured to select a plurality of specific occurrences of scheduled broadcast programs and wherein the processor is further configured to visually associate in the electronic calendar respective user identifiers with corresponding one of the specific occurrences of the plurality of scheduled programs selected in the accessed electronic program guide, the respective user identifiers providing an indication of a respective one of the plurality of users with which each of the plurality of scheduled program is associated (see include, but not limited to, discussion in the rejection of claim 1, 15 and Uchida: figures 1-6, Lawande: figures 16-

26). However, Uchida in view of Lawande does not explicitly disclose plurality of specific occurrences of scheduled program respectively associated with a plurality of users.

E208 further discloses select a plurality of specific occurrences of scheduled broadcast programs respectively associated with a plurality of users (see include, but are not limited to, E355: figure 24). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida in view of Lawande with the teaching of visually associating a user identifier in the electronic program guide as further taught by E208 in order to yield predictable results such as allowing user to select desired programs easily.

Regarding claim 16, Uchida in view of Lawande and E208 discloses the apparatus as discussed in the rejection of claim 42. Uchida in view of Lawande and E208 further discloses an output component configured to generate a video output signal capable of driving a monitor, the video output signal being capable of displaying on the monitor the electronic calendar and the electronic programming guide (see include, but are not limited to, Uchida: figures 1-5).

Regarding claim 17, Uchida in view of Lawande and E208 discloses the apparatus as discussed in the rejection of claim 16. Uchida in view of Lawande and E208 further discloses the video output signal is such that at least a portion of the electronic calendar when displayed is replaced by the electronic programming guide when the electronic programming guide is accessed, and the electronic programming guide when displayed

is removed upon selection of a broadcast program (see figures 1-5 and discussion in the rejection of claim 2).

Regarding claims 25-26, the limitations as claimed correspond to the limitations of claims 15, 18, and are analyzed as discussed with respect to the rejection of claims 15, 18.

Regarding claims 43, 27-29, the limitations that correspond to the limitations of claims 42, 19, 21-22 are analyzed as discussed in the rejection of claims 42, 19, 21-22.

9. Claims 8, 23, 10-14 are alternatively rejected under 35 U.S.C. 103(a) as being unpatentable over Uchida in view of Lawande and E208 as applied to claim 1 or 15 above, and further in view of Yuen et al. (6,430,359).

Regarding claim 8, Uchida in view of Lawande and E208 discloses the method as discussed in the rejection of claim 1. Uchida in view of Lawande and E208 further discloses wherein the selecting at least one of the plurality of specific occurrences of scheduled broadcast programs in the accessed electronic programming guide (see include, but are not limited to, Uchida: paragraphs 0083-0090). However, Uchida in view of Lawande does not explicitly disclose selecting comprises entering a code for a selected program, the code uniquely identifying the selected program.

Yuen discloses selecting program in the electronic program guide comprises entering a code for a selected program, the code uniquely identifying the selected program (interpreted as select a program comprises entering compressed code or G-code, the compressed code or G-code uniquely identifying the selected program – see include, but not limited to, col. 16, lines 5-41, figure 8). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Uchida in view of Lawande and E208 to use the teaching as taught by Yuen in order yield predictable results such as to enter information of selected program simpler, faster and less error-prone (see col. 2, lines 24-31).

Regarding claim 23, the additional limitations correspond to the additional limitations of claim 8 and are analyzed as discussed with respect to the rejection of claim 8.

Regarding claim 10, Uchida discloses a method comprising:

- accessing an electronic calendar capable of storing a plurality of event entries at a respective plurality of times, the electronic calendar listing events in relation to times and dates (see include, but are not limited to, figures 2, 5);

- directing display of the accessed electronic calendar on an electronic display (figures 2, 5 and discussion in the rejection of claim 1);

- directing transfer of the information, associated with the at least one selected broadcast program, to an electronic calendar as at least one new broadcast entry, each new broadcast entry containing the information for a corresponding selected specific

occurrence of a broadcast program and being stored in the electronic calendar at a time corresponding to a broadcast time of the respective at least one selected broadcast program (see include, but not limited to, figures 27, paragraphs 0086-0094, 0121, 0126);

for the limitations that correspond to limitations of claims 1, 8, 37. 41 are analyzed as discussed in the rejections of claims 1, 8, 37, 41.

Regarding claims 11-14, the additional limitations as claimed correspond to the additional limitations as claims in claims 3-4, 6-7, and are analyzed as discussed with respect to the rejection of claims 3-4, 6-7.

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Wong et al. (US 7,673,315) discloses system and method for providing program criteria representing audio and/or visual programming.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SON P. HUYNH whose telephone number is (571)272-7295. The examiner can normally be reached on 9:00 - 6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher S. Kelley can be reached on 571-272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Son P Huynh/
Primary Examiner, Art Unit 2424

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